

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/GB 02/05355

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01V3/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 617 518 A (SRNKA LEONARD J) 14 October 1986 (1986-10-14) column 7, line 17 -column 8, line 40	1-3, 7, 8, 11, 20, 21
Y	---	9, 10, 13, 22, 23
Y	WO 00 13046 A (REES DAVID CHRISTOPHER ;NORGES GEOTEKNISKE INST (NO); WESTERDAHL H) 9 March 2000 (2000-03-09) cited in the application page 6, line 32 -page 7, line 30 page 9, line 10 - line 17 --- -/-	9, 10, 13, 22, 23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

14 March 2003

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28/03/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MACGREGOR L ET AL: "Electrical resistivity structure of the Valu Fa Ridge, Lau Basin, from marine controlled-source electromagnetic sounding" GEOPHYSICAL JOURNAL INTERNATIONAL, JULY 2001, BLACKWELL SCIENCE FOR R. ASTRON. SOC.; DEUTSCHE GEOPHYS. GESELLSCHAFT; EUR. GEOPHYS. SOC, UK, vol. 146, no. 1, pages 217-236, XP002234785 ISSN: 0956-540X cited in the application page 218, right-hand column, line 48 -page 220	1,4-8
A	WO 00 54075 A (KUO JOHN T ;PROFILE TECHNOLOGIES INC (US)) 14 September 2000 (2000-09-14) claim; figure 1	1,12,14
A	US 3 548 299 A (DUROUX JEAN ET AL) 15 December 1970 (1970-12-15) column 1, line 56 - line 67	1

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In International Application No
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4617518	A	14-10-1986	AU 3571784 A	30-05-1985
			ES 8606671 A1	01-10-1986
			FR 2555322 A1	24-05-1985
			GB 2155182 A	18-09-1985
			JP 60135783 A	19-07-1985
			NL 8403541 A	17-06-1985
			NO 844614 A	22-05-1985
WO 0013046	A	09-03-2000	AU 5634799 A	21-03-2000
			BR 9913259 A	22-05-2001
			CA 2340733 A1	09-03-2000
			CN 1316058 T	03-10-2001
			EP 1108226 A1	20-06-2001
			WO 0013046 A1	09-03-2000
			NO 20010994 A	27-04-2001
WO 0054075	A	14-09-2000	AU 3622200 A	28-09-2000
			WO 0054075 A1	14-09-2000
			US 6339333 B1	15-01-2002
US 3548299	A	15-12-1970	FR 1533337 A	19-07-1968
			FR 1546682 A	22-11-1968
			DE 1773563 A1	05-10-1972
			GB 1239953 A	21-07-1971
			JP 50021961 B	26-07-1975
			NL 6807964 A	09-12-1968
			SE 353154 B	22-01-1973
			FR 1566338 A	09-05-1969